L Number	Hits	Search Text	DB	Time stamp
1	1738	((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS	USPAT; US-PGPUB	2004/06/25 16:42
2	482	((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.	USOCR	2004/06/25 16:42
3	203	(((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.) and envelope and insert$3 and flap$3	USPAT; US-PGPUB	2004/06/25 16:43
4	54	(((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.) and envelope and insert$3 and flap$3	USOCR	2004/06/25 16:43
6	14	(((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.) and envelope and insert$3 and flap$4 and (sens$3 or detect$3)	USOCR	2004/06/25 16:44
5	120	(((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.) and envelope and insert$3 and flap$4 and (sens$3 or detect$3)	USPAT; US-PGPUB	2004/06/25 18:03
7	40	(((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.) and envelope and insert$3 and flap$4 and (sens$3 or detect$3) with edge	USPAT; US-PGPUB	2004/06/25 18:04
-	490	((156/358) or (156/360)).CCLS.	USPAT; US-PGPUB	2004/06/24 13:11
-	25	(((156/358) or (156/360)).CCLS.) and envelope	USPAT; US-PGPUB	2004/02/12 16:34
-	12	("3737158" | "3877531" | "3981493" | "4106972" | "4143981" | "4318540" | "4331328" | "4451027" | "4573673" | "4573673" | "4579054" | "4753432" | "4844758").PN.	USPAT	2004/02/12 15:35
-	14	4935078.URPN.	USPAT	2004/02/12 15:39
-	12	("4235431" | "4451027" | "4541624" | "4573673" | "4691912" | "4787311" | "4931712" | "4933616" | "4935078" | "4959600" | "4978114" | "5211387").PN.	USPAT	2004/02/12 15:40
-	6	156/366.ccls. and envelope	USPAT; US-PGPUB	2004/02/12 16:07
-	302	((156/441.5) or (156/442.1) or (156/442.2)).CCLS.	USPAT; US-PGPUB	2004/02/12 16:28
-	63	(((156/441.5) or (156/442.1) or (156/442.2)).CCLS.) and sens$4	USPAT; US-PGPUB	2004/02/12 16:29
-	1589	((156/196) or (156/227) or (156/217)).CCLS.	USPAT; US-PGPUB	2004/02/12 16:34
-	2	("0636690" | "1886832").PN.	USPAT	2004/02/12 16:54
-	22	4609421.URPN.	USPAT	2004/02/12 16:54
-	101	(((156/196) or (156/227) or (156/217)).CCLS.) and envelope	USPAT; US-PGPUB	2004/02/12 16:56
-	2003	(493/243-267).CCLS.	USPAT; US-PGPUB	2004/02/17 17:02
-	109	((493/243-267).CCLS.) and sens$3	USPAT; US-PGPUB	2004/02/17 17:02
-	933	((156/358) or (156/360) or (156/362) or (156/442.1) or (156/442.2)).CCLS.	USPAT; US-PGPUB	2004/03/03 17:41
-	62	(((156/358) or (156/360) or (156/362) or (156/442.1) or (156/442.2)).CCLS.) and envelope and sens$3	USPAT; US-PGPUB	2004/03/03 17:42
-	87	(((156/358) or (156/360) or (156/362) or (156/442.1) or (156/442.2)).CCLS.) and different near2 size	USPAT; US-PGPUB	2004/03/03 17:58
-	65	(((156/358) or (156/360) or (156/362) or (156/442.1) or (156/442.2)).CCLS.) and different near2 size and sens$4	USPAT; US-PGPUB	2004/03/03 17:58

–	6	("2574087" | "2595122" | "3001310" | "3025211" | "3306807" | "4101362").PN.	USPAT	2004/03/03 18:04
–	9	4263766.URPN.	USPAT	2004/03/03 18:05
–	921	((53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.	USPAT; US-PGPUB	2004/03/22 11:26
–	137	(((53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.) and different near2 (size or length)	USPAT; US-PGPUB	2004/03/22 11:49
–	20	("1987813" | "2113738" | "3238926" | "3672664" | "3726454" | "3910007" | "3911862" | "4487506" | "4650176" | "4692020" | "4813209" | "4842263" | "4926729" | "5045043" | "5125214" | "5327705" | "5415068" | "5517797" | "5832702" | "5848518").PN.	USPAT	2004/03/22 11:35
–	925	envelope with different near2 (size or length)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/22 11:49
–	349	(envelope with different near2 (size or length)) and (sensing or sensor or sense)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/22 12:32
–	147	(envelope with different near2 (size or length)) and (sensing or sensor or sense) with (length or size or end)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/22 11:59
–	26	("4331328" | "4451027" | "4541624" | "4691912" | "4933616" | "4935078" | "4978114" | "5056771" | "5112038" | "5197726" | "5295677" | "5423527" | "5575466" | "5692741" | "5692742" | "5813327" | "5848784" | "5924686" | "6023034" | "6076821" | "6126160" | "6354583" | "6499020" | "6533264" | "6550764" | "6554275").PN.	USPAT	2004/03/22 12:01
–	10	("4171130" | "4331328" | "4775139" | "4893804" | "5462267" | "5482265" | "5848784" | "6199854" | "6224049" | "6364308").PN.	USPAT	2004/03/22 12:01
–	124	(((((53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.) and different near2 (size or length)) not ((envelope with different near2 (size or length)) and (sensing or sensor or sense) with (length or size or end))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/22 12:32
–	1	("4609421").PN.	USPAT; US-PGPUB	2004/03/22 14:07
–	22	4609421.URPN.	USPAT	2004/03/22 14:07
–	2	("0636690" | "1886832").PN.	USPAT	2004/03/22 14:12
–	8311	envelope and cancel$4	USPAT; US-PGPUB	2004/06/24 13:11
–	815	(envelope and cancel$4) and (postage or stamp)	USPAT; US-PGPUB	2004/06/24 13:12
–	482	((envelope and cancel$4) and (postage or stamp)) and sens$4	USPAT; US-PGPUB	2004/06/24 13:13
–	456	((envelope and cancel$4) and (postage or stamp)) and (sensing or sens$1 or sensor or senser)	USPAT; US-PGPUB	2004/06/24 13:13
–	481	((envelope and cancel$4) and (postage or stamp)) and (sensing or sens$2 or sensor or senser)	USPAT; US-PGPUB	2004/06/24 13:13
–	171	((envelope and cancel$4) and (postage or stamp)) and sens$4 with (side or bottom or top or edge or flap or crease)	USPAT; US-PGPUB	2004/06/24 13:34
–	149	(((envelope and cancel$4) and (postage or stamp)) and sens$4 with (side or bottom or top or edge or flap or crease)) and (stopping or stopped or stop)	USPAT; US-PGPUB	2004/06/24 13:34
–	171	((envelope and cancel$4) and (postage or stamp)) and sens$4 with (side or bottom or top or edge or flap or crease or trailing)	USPAT; US-PGPUB	2004/06/24 13:35

-	9	((envelope and cancel$4) and (postage or stamp)) and sens$4 with (side or bottom or top or edge or flap or crease or trailing) same (stopped or stop or stopping)	USPAT; US-PGPUB	2004/06/24 13:37
-	13128	sens$4 with (side or bottom or top or edge or flap or crease or trailing) same (stopped or stop or stopping)	USPAT; US-PGPUB	2004/06/24 13:37
-	6678	sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)	USPAT; US-PGPUB	2004/06/24 15:57
-	6189	(sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)	USPAT; US-PGPUB	2004/06/24 15:58
-	5725	((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)	USPAT; US-PGPUB	2004/06/24 16:21
-	2882	(((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)	USPAT; US-PGPUB	2004/06/24 16:21
-	1222	(((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (feeding or move$1 or moving or convey$3 or transport$3) with (automatic or automated)	USPAT; US-PGPUB	2004/06/24 14:02
-	209	((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (feeding or move$1 or moving or convey$3 or transport$3) with (automatic or automated)) and different adj size	USPAT; US-PGPUB	2004/06/24 14:17
-	10	("3983774" | "4972743" | "5042793" | "5299795" | "5390016" | "5455667" | "5580039" | "5685213" | "5761600" | "6021305").PN.	USPAT	2004/06/24 15:07
-	163097	detect$3 with (side or bottom or top or edge or flap or crease or trailing)	USPAT; US-PGPUB	2004/06/24 15:55
-	1699	((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)) and (detect$3 with (side or bottom or top or edge or flap or crease or trailing))	USPAT; US-PGPUB	2004/06/24 15:54

-	1561	(((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)) and (detect$3 with (side or bottom or top or edge or flap or crease or trailing))) not (((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (feeding or move$1 or moving or convey$3 or transport$3) with (automatic or automated)) and different adj size)	USPAT; US-PGPUB	2004/06/24 15:54
-	58222	detect$3 with (edge or flap or crease or trailing)	USPAT; US-PGPUB	2004/06/24 15:55
-	174180	detect$3 with (end or edge or trailing)	USPAT; US-PGPUB	2004/06/24 15:55
-	1566	((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)) and (detect$3 with (end or edge or trailing))	USPAT; US-PGPUB	2004/06/24 15:55
-	9307	sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping)	USPAT; US-PGPUB	2004/06/24 15:57
-	4948	(detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))	USPAT; US-PGPUB	2004/06/24 15:57
-	4754	((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and (feeding or move$1 or moving or convey$3 or transport$3)	USPAT; US-PGPUB	2004/06/24 15:59
-	1317	((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and ((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated))	USPAT; US-PGPUB	2004/06/24 16:00
-	4365	(((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)	USPAT; US-PGPUB	2004/06/24 16:22
-	2337	(((((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)	USPAT; US-PGPUB	2004/06/24 16:22

| - | 2586 | (((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)) and (detect$3 with (end or edge or trailing))) or (((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and ((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated))) or (((((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)) | USPAT; US-PGPUB | 2004/06/24 17:01 |
| - | 347 | ((((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)) and (detect$3 with (end or edge or trailing))) or (((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and ((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated))) or (((((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated))) and (different adj size) | USPAT; US-PGPUB | 2004/06/24 17:01 |

-	562	((((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)) and (detect$3 with (end or edge or trailing))) or (((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and ((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated))) or (((((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated))) and (270/$.ccls. or 271/$.ccls. or 156/$.ccls.)	USPAT; US-PGPUB	2004/06/24 17:09
-	35	(US-6132554-$ or US-5897733-$ or US-5196083-$ or US-5232504-$ or US-5118379-$ or US-4609421-$ or US-6372064-$ or US-5314566-$ or US-4935078-$ or US-6685184-$ or US-6554956-$ or US-5217551-$ or US-5489358-$ or US-5813327-$ or US-4263766-$ or US-4119482-$ or US-5517797-$ or US-6234694-$ or US-5639171-$ or US-5440979-$ or US-5080509-$ or US-4670081-$ or US-4524691-$ or US-6550764-$ or US-6554275-$ or US-6700679-$).did. or (US-6493113-$ or US-6386080-$ or US-6339685-$ or US-5596399-$ or US-5497314-$).did. or (US-20030111165-$ or US-20020096262-$ or US-20040107673-$ or US-20030160386-$).did.	USPAT; US-PGPUB	2004/06/24 18:02
-	35	((US-6132554-$ or US-5897733-$ or US-5196083-$ or US-5232504-$ or US-5118379-$ or US-4609421-$ or US-6372064-$ or US-5314566-$ or US-4935078-$ or US-6685184-$ or US-6554956-$ or US-5217551-$ or US-5489358-$ or US-5813327-$ or US-4263766-$ or US-4119482-$ or US-5517797-$ or US-6234694-$ or US-5639171-$ or US-5440979-$ or US-5080509-$ or US-4670081-$ or US-4524691-$ or US-6550764-$ or US-6554275-$ or US-6700679-$).did. or (US-6493113-$ or US-6386080-$ or US-6339685-$ or US-5596399-$ or US-5497314-$).did. or (US-20030111165-$ or US-20020096262-$ or US-20040107673-$ or US-20030160386-$).did.) and sens$3	USPAT; US-PGPUB	2004/06/24 18:03
-	26	("4331328" | "4451027" | "4541624" | "4691912" | "4933616" | "4935078" | "4978114" | "5056771" | "5112038" | "5197726" | "5295677" | "5423527" | "5575466" | "5692741" | "5692742" | "5813327" | "5848784" | "5924686" | "6023034" | "6076821" | "6126160" | "6354583" | "6499020" | "6533264" | "6550764" | "6554275").PN.	USPAT	2004/06/24 18:06

-	4	("3490687" | "3825251" | "3827545" | "4113244").PN.	USPAT	2004/06/24 18:17
-	217	(((((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated)) and (detect$3 with (end or edge or trailing))) or (((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and ((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated))) or (((((detect$3 with (end or edge or trailing)) and (sens$4 with (edge or end or rear or trailing) with (stopped or stop or stopping))) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (automatic or automated))) and (different adj size)) not (((((sens$4 with (side or bottom or top or edge or flap or crease or trailing) with (stopped or stop or stopping)) and (feeding or move$1 or moving or convey$3 or transport$3)) and (@ad<20011216 or @rlad<20011216)) and (feeding or move$1 or moving or convey$3 or transport$3) with (automatic or automated)) and different adj size)	USPAT; US-PGPUB	2004/06/24 18:55
-	5097	synchronous and mail$3	USPAT; US-PGPUB	2004/06/25 08:29
-	1101	(synchronous and mail$3) and (stamp or postage)	USPAT; US-PGPUB	2004/06/25 08:30
-	714	((synchronous and mail$3) and (stamp or postage)) and stop$4	USPAT; US-PGPUB	2004/06/25 08:30
-	101	(((synchronous and mail$3) and (stamp or postage)) and stop$4) and (trailing or tail or rear) near2 (edge or end)	USPAT; US-PGPUB	2004/06/25 08:31
-	127	(synchronous and mail$3) and (trailing or tail or rear) near2 (edge or end) with (sens$4 or detect$3)	USPAT; US-PGPUB	2004/06/25 09:19
-	6	("3577153" | "3445590" | "2784246" | "2996946" | "3467773" | "3544712").PN.	USPAT	2004/06/25 08:49
-	1	"3148742".PN.	USPAT	2004/06/25 08:56
-	800	(156/362-364).CCLS.	USPAT; US-PGPUB	2004/06/25 09:19
-	1738	((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.	USPAT; US-PGPUB	2004/06/25 16:42
-	482	((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.	USOCR	2004/06/25 09:19
-	9	(((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.) and (trailing or tail or rear) near2 (edge or end) with (sens$4 or detect$3)	USOCR	2004/06/25 09:20
-	113	(((156/362-364) or (53/460) or (53/284.3) or (53/473) or (53/457) or (53/284.3)).CCLS.) and (trailing or tail or rear) near2 (edge or end) with (sens$4 or detect$3)	USPAT; US-PGPUB	2004/06/25 10:19
-	3	5899050.URPN.	USPAT	2004/06/25 10:05

-	7	("4418515" | "4903456" | "4924652" | "5125214" | "5152122" | "5251425" | "5414977").PN.	USPAT	2004/06/25 10:06
-	7	5152122.URPN.	USPAT	2004/06/25 10:07
-	1	6358342.pn. and edge	USPAT; US-PGPUB	2004/06/25 10:23
-	1867	alignment with robot$3	USPAT; US-PGPUB	2004/06/25 10:23
-	1072	(alignment with robot$3) and sens$4	USPAT; US-PGPUB	2004/06/25 10:24
-	171	(alignment with robot$3) and sens$4 with (back or rear or trailing or tail)	USPAT; US-PGPUB	2004/06/25 10:24
-	114	((alignment with robot$3) and sens$4 with (back or rear or trailing or tail)) and stop$4	USPAT; US-PGPUB	2004/06/25 10:29
-	50	robotic adj (assembly or production) adj line	USPAT; US-PGPUB	2004/06/25 10:30
-	34	(robotic adj (assembly or production) adj line) and (sens$4 or detect$3)	USPAT; US-PGPUB	2004/06/25 11:12
-	7	("4766715" | "4852334" | "5255498" | "5297376" | "5406771" | "5415068" | "5447015").PN.	USPAT	2004/06/25 11:01
-	3429	(sens$4 or detect$3) with (trailing or tail or rear) with stop$4	USPAT; US-PGPUB	2004/06/25 11:13
-	130	((sens$4 or detect$3) with (trailing or tail or rear) with stop$4) and envelope	USPAT; US-PGPUB	2004/06/25 11:13